

ABSTRACT OF THE DISCLOSURE

There is disclosed a one-dimensional piezoelectric actuator array 1
houses a piezoelectric device 35 including a plate or pillar-shaped
5 piezoelectric member 4 and electrodes 18, 19, and having a planar form; the
device 35 being driven by a piezoelectric effect of the piezoelectric member 4.
The piezoelectric device 35 is formed as a whole in a planar comb shape
wherein comb teeth 26 are connected to one another in one end, and portions of
the comb teeth 26 work as a plurality of driving portions 31. The guide
10 substrate 2 and piezoelectric device substrate 3 are integrally unified in
such a manner that the resultant is readily usable for the formation of a
multiply stuck structural body. In case of need, the array may be further
provided with a guide substrate 2 having a concave portion 9 for housing at
least a part of the piezoelectric device substrate 3.